



PTO/SB/21 (09-04)

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

13

Application Number

10/714,095

Filing Date

November 13, 2003

First Named Inventor

Chatree Sitalasai et al.

Art Unit

2681

Examiner Name

Unassigned

Attorney Docket Number

025779-003300US

**ENCLOSURES** (Check all that apply)

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Postcard<br>Assignment Document<br>Universal POA<br>Statement Under CFR 3.73 (b) |
|--|--|--|

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

George B. F. Yee

Date

January 23, 2006

Reg. No.

37,478

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Tiffany Wu

Date

FEB 1, 2006



PTO/SB/80 (11-04)

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

20350

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

20350

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone			Fax

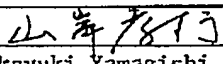
Assignee Name and Address:

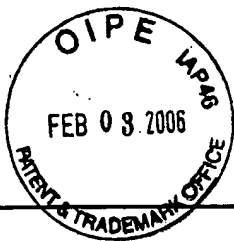
Minebea Co., Ltd.  
19F Arco Tower, 1-8-1  
Shimo-Meguro, Meguro-ku  
Tokyo 153-8662, Japan

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	11-21-05
Name	Takayuki Yamagishi	Telephone	
Title	President		

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: CHATREE SITALASAI et al.Application No./Patent No./Control No.: 10/714,095 Filed/Issue Date: November 13, 2003Entitled: MECHANICAL MOTION SENSOR AND LOW-POWER TRIGGER CIRCUITMinebea Co. Ltd., a Corporation

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

**As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11**

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

  
\_\_\_\_\_  
Signature1/29, 2006  
\_\_\_\_\_  
DateGeorge B. F. Yee(650) 326-2400

Printed or Typed Name

Telephone Number

Attorney of Record

Title

## ASSIGNMENT

WHEREAS, Chatree Sitalasai, a citizen(s) of the United States of America, having a mailing address at 4600 Lauderdale Avenue, La Crescenta, CA 91214, (hereinafter "the Assignor(s)"), has invented certain new and useful improvements in MECHANICAL MOTION SENSOR AND LOW-POWER TRIGGER CIRCUIT, and

WHEREAS Minebea Co., Ltd., having a principal place of business at 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer, unto the Assignee his full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term

or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor(s) hereby authorized and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor(s) hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor(s) further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN TESTIMONY WHEREOF, I (We) have executed this document on the date(s) indicated below.

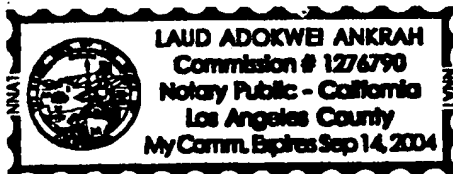
Date: 11/25/03

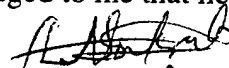
  
Chatree Sitalasai

STATE OF CALIFORNIA )  
 ) ss.:

COUNTY OF LOS ANGELES )

On this 25 day of NOVEMBER, 2003, before me came the above individual known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.



  
LAUD ADOKWEI ANKRAH  
Notary Public

## ASSIGNMENT

WHEREAS, Toshisada Takeda, a citizen(s) of Japan, having a mailing address at 2716 Simi Hills Lane, Simi Valley, CA 93063, (hereinafter "the Assignor(s)"), has invented certain new and useful improvements in MECHANICAL MOTION SENSOR AND LOW-POWER TRIGGER CIRCUIT , and

WHEREAS Minebea Co., Ltd., having a principal place of business at 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer, unto the Assignee his full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term

or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor(s) hereby authorized and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor(s) hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor(s) further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

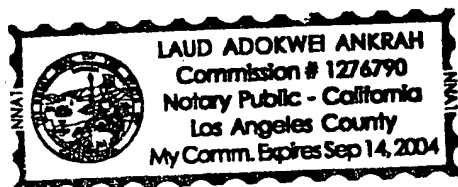
IN TESTIMONY WHEREOF, I (We) have executed this document on the date(s) indicated below.

Date: 11/25/2003

T. Takedo  
Toshisada Takedo

STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES ) ss.:  
LAUD ADOKWEI ANKRAH )

On this 25 day of NOVEMBER, 2003, before me came the above individual known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.



LAUD ADOKWEI ANKRAH  
Notary Public

## ASSIGNMENT

WHEREAS, Dean Larry Rice, Jr., a citizen(s) of the United States of America, having a mailing address at 290 Calview Ct., Simi Valley, CA 93065, (hereinafter "the Assignor(s)"), has invented certain new and useful improvements in MECHANICAL MOTION SENSOR AND LOW-POWER TRIGGER CIRCUIT, and

WHEREAS Minebea Co., Ltd., having a principal place of business at 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer, unto the Assignee his full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term



or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor(s) hereby authorized and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor(s) hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor(s) further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

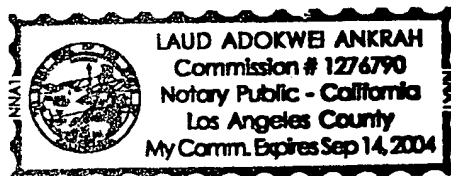
IN TESTIMONY WHEREOF, I (We) have executed this document on the date(s) indicated below.

Date: 11/25/03

Dean Larry Rice, Jr.  
Dean Larry Rice, Jr.

STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES ) ss.:

On this 25 day of NOVEMBER, 2003, before me came the above individual known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.



LAUD ADOKWEI ANKRAH  
Notary Public

## ASSIGNMENT

WHEREAS, John Guo, a citizen(s) of the United States of America, having a mailing address at 5055 Evanwood Avenue, Oak Park, CA 91377, (hereinafter "the Assignor(s)"), has invented certain new and useful improvements in MECHANICAL MOTION SENSOR AND LOW-POWER TRIGGER CIRCUIT , and

WHEREAS Minebea Co., Ltd., having a principal place of business at 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer, unto the Assignee his full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term

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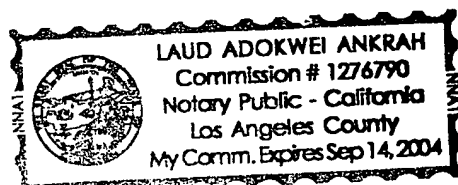
IN TESTIMONY WHEREOF, I (We) have executed this document on the date(s) indicated below.

Date: 11/25/2003

John Guo  
John Guo

STATE OF )  
CALIFORNIA ) ss.:  
COUNTY OF )  
LOS ANGELES )

On this 25 day of NOVEMBER, 2003, before me came the above individual known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.



## ASSIGNMENT

WHEREAS, Charles Lee Fauble, a citizen(s) of the United States of America, having a mailing address at 18309 Oakmont Dr. #925, Canyon Country, CA 91387, (hereinafter "the Assignor(s)"), has invented certain new and useful improvements in MECHANICAL MOTION SENSOR AND LOW-POWER TRIGGER CIRCUIT, and

WHEREAS Minebea Co., Ltd., having a principal place of business at 4106-73 Oaza Miyota, Miyota-machi, Kitasaku-gun, Nagano 389-0293, Japan (hereinafter "the Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer, unto the Assignee his full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term

or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor(s) hereby authorized and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor(s) hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor(s) further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN TESTIMONY WHEREOF, I (We) have executed this document on the date(s) indicated below.

Date: 11/27/03

Charles L Fauble  
Charles Lee Fauble

STATE OF CALIFORNIA )  
COUNTY OF LOS ANGELES ) ss.:

On this 25 day of NOVEMBER, 2003, before me came the above individual known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.



Laud Adokwei Ankrah  
Notary Public